

ABSTRACT

An aerosolization apparatus comprises a body defining an inlet opening, an outlet opening, and an aerosolization chamber between the inlet opening and the outlet opening. The aerosolization chamber is adapted to receive an elongated receptacle, such as a capsule, containing a pharmaceutical formulation. The elongated receptacle rotates end-over-end about an axis substantially orthogonal to an axis passing through the outlet opening when air or gas flows through the body. In another version, the elongated receptacle rotates end-over-end about an axis substantially orthogonal to an inhalation direction.